

CHILLI

INTRODUCTION:

- Chilli is known as the most valuable crop of India.
- Chilli is used as a main ingredient of various curries and chutneys, it is also used in vegetables, condiments, condiments, sauces and pickles.
- The pungency in chilli is due to the active ingredient "capsaicin", an alkaloid.
- With high amounts of vitamin C and antioxidants, chilies have been found to help prevent lifestyle diseases, including certain cancers and stomach ulcers.
- Chilli accounts for 20-30% of total Indian spices exports, valued at around Rs. 400-500 crores. Oleoresin is an important product exported to European countries.

1] Sowing time -

Kharif - Last week of June to July

Where irrigation facility is available – It can be cultivated around the year based on climatic conditions.

2] Seed rate - 80-100 grams per acre for hybrid varieties

3] Spacing - 90 cm × 60 cm or 120 cm × 45 cm

4] Irrigation - as per requirement at an interval of 5 to 7 days till the onset of monsoon

5] Application of fertilizers (per acre):

FERTILIZERS	Per acre	
	BASAL	30 DAYS
FYM	15 t/ acre	MYCORHHIZA @ 4 kg /acre
Urea [46-0-0]	-	50 Kg + 30 Kg (60 DAS)
DAP	50 Kg	30 Kg
SSP	100 Kg	
MOP	40 Kg	25 Kg
MgSO4		10 Kg

Company Name

Katra Fertilizers & Chemical Pvt Ltd
(An Ezzy Group Enterprises)

Corporate Office

1304, Marathon Icon, NextGen Campus,
Opp. Peninsula Corporate Park,
Lower Parel (West), Mumbai - 400013 India

Factory Address

Survey No. 90/2/1, Gram Mehraj,
Khandwa Road, Khargone,
Madhya Pradesh - 451001 India

6] Spray schedule:

DAYS	GROWTH STAGES	TREATMENT	POTENTIAL DISEASE	POTENTIAL PEST
15 – 25	From Nursery To Plant Establishment	Katra Nano NPK 19-19-19 @ 200 per acre + Katra nano micronutrient combi @ 50 g/acre + Imidacloprid 17.8% SL + Acetampride 20% @ 1 g/Lit +	Fusarium Wilt, Dumping Off, Root Rot	White Fly, Aphid
25 - 45	Vegetative Growth Stage	Katra Nano Mono Ammonium Phosphate (12-61-0) @ 200 g/acre + Flamingo (Emamectin Benzoate 3% Thiamethoxam 12% SG) 0.5 to 1 g/Lit Water + Bell (Fipronil 5% SC) 2-5 ml/Lit of water + Katra Nano Capsule (Plant growth Promoter) @ 1 Caps/Acre	Root Rot, Wilt, Leaf Curl, Powdery Mildew Downy Mildew, Dieback	Whitefly, Green Mosquito Aphid, Mites, Illia
45 - 65	Flowering Stage	Katra Nano NPK Potassium Nitrate 00-52-34 @ 200 gm per acre + Atal (Boron Ethaloamine 10%) @ 100 ml per acre + Banalarva (Emamectin Benzoate 5% SG) 4 gm/10 ltr of water + Katra Nono Capsule (Flowering booster) @ 1 Caps/Acre + Fugus G 200 gm/acre	Powdery Mildew, Downy Mildew, Chymophoria Blight, Leaf Curl Virus	Whitefly, Thrips, Aphid Mites, , Illia
65 -100	Fruiting State	Katra Nano NPK Potassium Nitrate 13-00-45 @ 200 gm per acre + Fipronil 5% SC +Virumin (Curcumin 1.9% SL) @ 100 ml/acre	Wilt, Anthracnose, Leaf Curl Virus, Chemophoria Blight, Bacterial Leaf Spot	Stem Fly, Thrips, Pink Fruit Borer, Mites
100 -150	Maturity Stage	Katra Nano 00-00-50 @200 gm per acre + Neembin 1000 EC 1.7 ml/l of water + Virumin (Curcumin 1.9% SL) @ 100 ml/acre + Fugicin (Allicin 1.9 % SL) @ 100 ml/acre	Anthracnose, Leaf Curl Virus, Downy Mildew, Bacterial Leaf Spot Fruit Rot / Dieback	Thrips, Whitefly Pink And Fruit Borer, Mites

Note:- In the information given in the chart, the spray schedule has been given keeping in mind the possible disease and Pest outbreak. To know more contact Kisan4U Dr.

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White Fly



Aphid



Mites



Thrips



Fruit Rot / Dieback



Chemophoria Blight



Dumping Off



Anthracnose



Fruit Borer



Wilt



Leaf Curl Virus



Powdery Mildew



Bacterial Leaf Spot

9] Yield - 150 - 200 quintal/acre

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